

Message Text

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ACTION EA-09

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FM AMEMBASSY TAIPEI

TO USDOC WASHDC

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UNCLAS TAIPEI 5093

FOR: USDOC/BIC/OIM/EA/KELLY

E.O. 11652: N/A

TAGS: BEXP, TW

SUBJECT: COMMUNICATIONS EVENT/NOVEMBER

REF : USDOC 12380

1. FOR REFTEL ITEM 2: MR. C. C. TSAY, HEIGHTEN TRADING COMPANY INTERESTED IN SUBJECT EXHIBITION. HE WILL GIVE TRADE CENTER A DECISION THIS WEEK CONCERNING PARTICIPATION.

2. REFTEL ITEM 3:

A. MR. C. M. CHEN, CHIEF ENGINEER, TAIWAN TELECOMMUNICATIONS ADMINISTRATION (TTA), REPORTS THAT 48 VOLT DC IS CURRENT ON WHICH MAJORITY OF TAIWAN'S TELEPHONE LINES OPERATE. IN GREATER TAIPEI AREA, 80 PERCENT OF EQUIPMENT OPERATES ON 48 VOLTS. THIS EQUIPMENT IS AMERICAN AND JAPANESE. REMAINING 20 PERCENT OPERATES ON 60 VOLTS AND IS OLD STEP-BY-STEP SYSTEM SUPPLIED BY SIEMENS OF WEST GERMANY. FOR LONG DISTANCE, 60 PERCENT OF EQUIPMENT IS U.S. PULSE CODE MODULATION (PCM) AND OPERATES ON 48 VOLTS. REMAINDER IS JAPANESE EQUIPMENT OPERATING ON 24 VOLTS. (LONG DISTANCE IS DEFINED AS OUTSIDE GREATER TAIPEI METROPOLITAN AREA AND INCLUDES CITIES LIKE KEELUNG, TAOYUAN, HSINCHU AS WELL AS TAICHUNG, TAINAN, KAOHSIUNG). PROCESS OF STANDARDIZATION IS ESSENTIALLY INCREASED USE OF 48V/DC.

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B. MR. CHEN REPORTS NO OTHER MAJOR LINE/SERVICE CHARACTERISTICS

THAT WOULD IMPACT ON DECISION TO EXHIBIT OR ON SELECTION OF DISPLAY ITEMS. EQUIPMENT COMPATIBLE WITH 110/220 VOLT/AC IS APPROPRIATE FOR TAIWAN.

C. SOURCES OF TEAMA, ITT/TTA, FAR EASTERN ELECTRIC, HEWLETT PACKARD, AND TAI-TON PROVIDED FURTHER CLARIFICATION. TTA SERVICES RESIDENTIAL CUSTOMERS AND PROVIDES TAIWAN-WIDE NETWORK; PRIVATE COMPANIES SERVICE END-USERS, PRIMARILY COMMERCIAL. TTA CONVERTS 110/220 V/AC PUBLIC POWER TO 48 V/DC FOR CUSTOMER SETS AND TELEPHONE SYSTEMS ALL OVER TAIWAN; TO 24V/DC FOR CARRIER SYSTEMS AND MANUAL EXCHANGES; TO 60V/DC FOR REMAINING STEP-BY-STEP EXCHANGES. PRIVATE COMPANIES UTILIZE PABX TO CONVERT PUBLIC POWER TO 24 V/DC FOR SMALL SYSTEMS, LESS THAN 30 LINES, (JAPANESE EQUIPMENT); TO 48V/DC FOR 30-100 LINE SYSTEMS (U.S. EQUIPMENT); TO 60V/DC FOR SPECIAL SYSTEMS, LIKE THAT USED AT USMC WITH INTERCOM, EMBASSY EXTENSIONS ETC. USMC PABX CONVERTER CAN ALSO PROVIDE 24V AND 48V.

D. AS MARKET RESEARCH INDICATED, PABX AND RELATED EQUIPMENT WILL BE AMONG BEST SELLERS. TTA HAS JOINT VENTURES WITH ITT AND GTE FOR LOCAL PRODUCTION TO COVER TTA NEEDS.
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